

SEARCH REQUEST FORM

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(74)

Requester's Full Name: David Ton Examiner #: 73667 Date: 01/23/03
 Art Unit: 2133 Phone Number 306-3043 Serial Number: 09/599395
 Mail Box Location: 4R17 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Litigation
5771248

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Shirelle Green</u>	Sequence (#) _____	<u>STN</u>
Searcher Phone #: <u>306-4767</u>	AA Sequence (#) _____	Dialog _____
Searcher Location: <u>4B40</u>	Structure (#) _____	<u>Questel/Orbit 24.07</u>
Date Searcher Picked Up: <u>1/23/03</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>1/23/03</u>	Litigation <input checked="" type="checkbox"/>	<u>Lexis/Nexis</u>
Searcher Prep & Review Time: <u>2</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	<u>WWW/Internet</u>
Online Time: <u>2</u>	Other _____	Other (specify) _____

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5771248

June 23, 1998

Apparatus and method for error correction

INVENTOR: Katayama, Yukari, Chigasaki, JP; Miyazawa, Shoichi, Yokohama, JP;
Ogawa, Hitoshi, Kamakura, JP; Nishina, Masatoshi, Kanagawa-ken, JP

APPL-NO: 516927 (08)

FILED-DATE: August 18, 1995

GRANTED-DATE: June 23, 1998

PRIORITY: August 18, 1994 - 6-194302, Japan (JP)

ASSIGNEE-AFTER-ISSUE: October 24, 1995 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE
DOCUMENT FOR DETAILS)., HITACHI, LTD. 6, KANDA SURUGADAI 4- CHOME, CHIYODA-KU
TOKYO JAPAN, Reel and Frame Number: 007728/0599

LEGAL-REP: Antonelli, Terry, Stout, & Kraus, LLP

US-MAIN-CL: 714#763

US-ADDL-CL: 714#752

SEARCH-FLD: 371#371, 371#381, 371#401, 371#402, 371#403, 371#375, 371#41,
371#42, 371#471, 371#374, 371#372, 371#376, 360#47, 360#53

IPC-MAIN-CL: H 03M013#0

PRIM-EXMR: Elmore, Reba I.

ASST-EXMR: Brown, Thomas E.

ENGLISH-ABST:

Apparatus for recording and/or reproducing user data recorded on a record medium. The apparatus includes record encoder for converting original user data into encoded user data of a predetermined record code and an error correcting code generator for generating original error correcting code data for correcting an error with respect to the encoded user data. A write unit records the encoded user data and the error correcting code on the record medium. A read unit reads the recorded data and the reproduced data is error corrected so as to provide the original user data.

LEXIS-NEXIS
Library: PATENT
File: ALL

No Documents Found

No documents were found for your search (**5771248** or **5,771,248**). Please edit your search and try again. You may want to try one or more of the following:

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File: CASES

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LEXIS-NEXIS

Library: PATENT

File: JNLS

us5771248/pn

** SS 2: Results 1

Search statement 3

?prt full nonstop legalall

1/1 PLUSPAT - (C) QUESTEL-ORBIT
PN - US5771248 A 19980623 [US5771248]
TI - (A) Apparatus and method for error correction
PA - (A) HITACHI LTD (JP)
IN - (A) KATAYAMA YUKARI (JP); MIYAZAWA SHOICHI (JP); OGAWA HITOSHI
(JP); NISHINA MASATOSHI (JP)
AP - US51692795 19950818 [1995US-0516927]
PR - JP19430294 19940818 [1994JP-0194302]
IC - (A) H03M-013/00
EC - G11B-020/14A2B
- G11B-020/18D
- H03M-013/15P
- H03M-013/31
PCL - ORIGINAL (O) : 714763000; CROSS-REFERENCE (X) : 714752000
DT - Corresponding document
CT - US5257270; US5511078; US5586127; US5598422; EP0243708; EP0503859 A3;
EP0503859 A2
STG - (A) United States patent
AB - Apparatus for recording and/or reproducing user data recorded on a
record medium. The apparatus includes record encoder for converting
original user data into encoded user data of a predetermined record
code and an error correcting code generator for generating original
error correcting code data for correcting an error with respect to the
encoded user data. A write unit records the encoded user data and the
error correcting code on the record medium. A read unit reads the
recorded data and the reproduced data is error corrected so as to
provide the original user data.

1/1 LGST - (C) LEGSTAT
PN - US 5771248 [US5771248]
AP - US 516927/95 19950818 [1995US-0516927]
DT - US-P
ACT - 19950818 US/AE-A
APPLICATION DATA (PATENT)
{US 516927/95 19950818 [1995US-0516927]}
- 19951024 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
HITACHI, LTD. 6, KANDA SURUGADAI 4-CHOME, CHIYODA-KU TOKYO, JAPAN *
KATAYAMA, YUKARI : 19950808; MIYAZAWA, SHOICHI : 19950808; OGAWA,
HITOSHI : 19950808; NISHINA, MASATOSHI : 19950808
- 19980623 US/A
PATENT
UP - 2000-03

fam us5771248/pn

1 Patent Groups
** SS 2: Results 4

Search statement 3

?famstate nonstop

1/4 INPADOC - (C) INPADOC
PN - EP 697696 A2 19960221 [EP-697696]
TI - APPARATUS AND METHOD FOR ERROR CORRECTION
LA - ENG
IN - KATAYAMA YUKARI [JP]; MIYAZAWA SHOICHI [JP]; OGAWA HITOSHI [JP];
NISHINA MASATAOSHI [JP]
PA - HITACHI LTD [JP]
AP - EP 95112865/95-A 19950816 [1995EP-0112865]
PR - JP 194302/94-A 19940818 [1994JP-0194302]
IC - G11B-020/18
DS - DE* FR* GB*

1/1 LEGALI - (C) LEGSTAT
PN - EP 697696 [EP-697696]
AP - EP 95112865/95 19950816 [1995EP-0112865]
DT - EP-P
ACTE- 19950816 EP/AE-A
EP-APPLICATION
{EP 95112865/95 19950816 [1995EP-0112865]}
- 19960221 EP/AK-A2 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT:
DE FR GB
- 19960221 EP/A2 [+]
PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT
- 19960221 EP/17P [+]
REQUEST FOR EXAMINATION FILED
950816
- 19960710 EP/AK-A3 [+]
DESIGNATED CONTRACTING STATES IN A SEARCH REPORT:
DE FR GB
- 19960710 EP/A3 [+]
SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93)
- 19991201 EP/17Q [+]
FIRST EXAMINATION REPORT
19991019
UP - 1999-48

2/4 INPADOC - (C) INPADOC
PN - EP 697696 A3 19960710 [EP-697696]
TI - APPARATUS AND METHOD FOR ERROR CORRECTION
LA - ENG
IN - KATAYAMA YUKARI [JP]; MIYAZAWA SHOICHI [JP]; OGAWA HITOSHI [JP];
NISHINA MASATAOSHI [JP]
PA - HITACHI LTD [JP]
AP - EP 95112865/95-A 19950816 [1995EP-0112865]
PR - JP 194302/94-A 19940818 [1994JP-0194302]
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DS - DE* FR* GB*

1/1 LEGALI - (C) LEGSTAT
PN - EP 697696 [EP-697696]

AP - EP 95112865/95 19950816 [1995EP-0112865]
 DT - EP-P
 ACTE- 19950816 EP/AE-A
 EP-APPLICATION
 {EP 95112865/95 19950816 [1995EP-0112865]}
 - 19960221 EP/AK-A2 [+]
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 - 19960221 EP/A2 [+]
 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT
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 REQUEST FOR EXAMINATION FILED
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 - 19960710 EP/AK-A3 [+]
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 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93)
 - 19991201 EP/17Q [+]
 FIRST EXAMINATION REPORT
 19991019
 UP - 1999-48

3/4 INPADOC - (C) INPADOC
 PN - JP 8063905 A2 19960308 [JP08063905]
 TI - RECORDING AND REPRODUCING DEVICE, DIGITAL SIGNAL PROCESSING DEVICE AND
 ERROR CORRECTING METHOD
 IN - KATAYAMA YUKARI; MIYAZAWA SHOICHI; OGAWA HITOSHI; NISHINA MASATOSHI
 PA - HITACHI LTD
 AP - JP 194302/94-A 19940818 [1994JP-0194302]
 PR - JP 194302/94-A 19940818 [1994JP-0194302]
 IC - G11B-020/18; G11B-020/18

4/4 INPADOC - (C) INPADOC
 PN - US 5771248 A 19980623 [US5771248]
 TI - APPARATUS AND METHOD FOR ERROR CORRECTION
 IN - KATAYAMA YUKARI [JP]; MIYAZAWA SHOICHI [JP]; OGAWA HITOSHI [JP];
 NISHINA MASATOSHI [JP]
 PA - HITACHI LTD [JP]
 AP - US 516927/95-A 19950818 [1995US-0516927]
 PR - JP 194302/94-A 19940818 [1994JP-0194302]
 IC - H03M-013/00

1/1 LEGALI - (C) LEGSTAT
 PN - US 5771248 [US5771248]
 AP - US 516927/95 19950818 [1995US-0516927]
 DT - US-P
 ACTE- 19950818 US/AE-A
 APPLICATION DATA (PATENT)
 {US 516927/95 19950818 [1995US-0516927]}
 - 19951024 US/AS02
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 KATAYAMA, YUKARI : 19950808; MIYAZAWA, SHOICHI : 19950808; OGAWA,
 HITOSHI : 19950808; NISHINA, MASATOSHI : 19950808
 - 19980623 US/A
 PATENT
 UP - 2000-03